



# 2V0-620<sup>Q&As</sup>

vSphere 6 Foundations Beta

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**QUESTION 1**

Which two Fibre Channel zoning options are supported with vSphere 6.x? (Choose two.)

- A. Single-Initiator
- B. Single-Initiator-Single-Target
- C. Multiple-Initiators-Single-Target
- D. Multiple-Initiators-Multiple-Targets

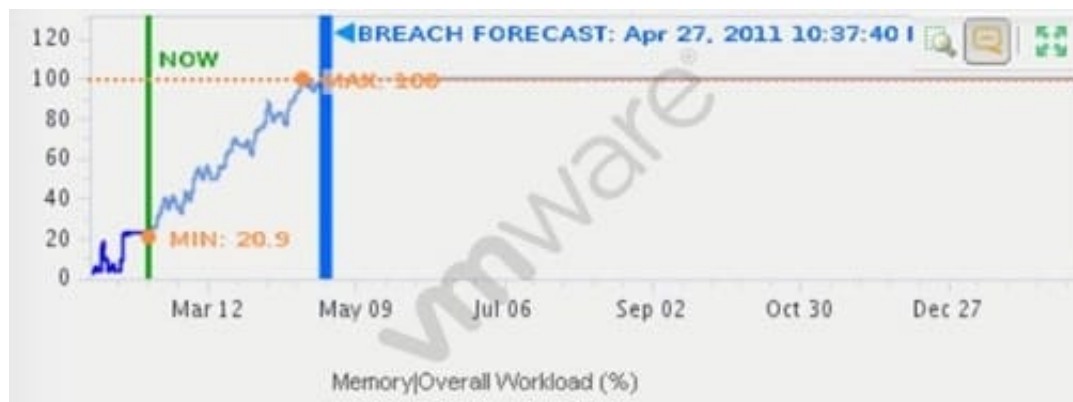
Correct Answer: AB

Use single-initiator-single-target zoning when zoning ESXi hosts to Fibre Channel arrays. With this type of configuration, fabric related events that occur on one array do not impact other arrays

Reference: <https://pubs.vmware.com/vsphere-60/topic/com.vmware.ICbase/PDF/vsphere-esxi-vcenter-server-60-storage-guide.pdf>

**QUESTION 2**

Refer to the Exhibit.



An administrator is analyzing a virtual machine as shown in the Exhibit. What is the current long term risk for this virtual machine?

- A. The virtual machine may run out of memory before April 27.
- B. The virtual machine may continue to function after April 27.
- C. The virtual machine has adequate memory configured for operation for the next 120 days.
- D. The virtual machine has adequate memory reservation configured for operation for the next 120 days.

Correct Answer: A

It seems like this virtual machine will run out of memory before April 27 as the graph dips down in the beginning of the image in exhibit.

**QUESTION 3**

An administrator is creating a new Virtual SAN cluster on a Layer 2 network. There is an existing Virtual SAN cluster on the same Layer 2 network.

Which two actions would allow the new Virtual SAN cluster to coexist with the previously created cluster? (Choose two.)

- A. Change the default Multicast Address on the new Virtual SAN cluster.
- B. Change the default Unicast Address on the new Virtual SAN Cluster.
- C. Create a separate VLAN for each cluster.
- D. Create an ARP Alias for the Virtual SAN VMkernel Network Adapter.

Correct Answer: AB

To configure virtual san cluster to coexist with older cluster, you need to change the default multicast address on the netw virtual san cluster and change the default unicast address on the new virtual san cluster.

Reference: <https://pubs.vmware.com/vsphere-55/index.jsp?topic=%2Fcom.vmware.vsphere.storage.doc%2FGUID-5656EA30-F7C7-494C-A356-E1471942625A.html>

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**QUESTION 4**

An administrator is attempting to restore a number of files in a directory within the Operating System of a virtual machine.

How can the administrator restore the files from a previous backup?

- A. Use the File Level Restore option from the selected backup of the virtual machine in the vSphere Web Client.
- B. Connect to the File Level Restore tool from a web browser in the virtual machine.
- C. Connect to the File Level Restore tool from the VMware Data Protection appliance.
- D. Use the File Level Restore option from the selected backup of the virtual machine in the vSphere Client.

Correct Answer: B

The file-level restore is web-based, so a supported web browser is required. Reference: [https://kb.vmware.com/selfservice/microsites/search.do?language=en\\_US&cmd=displayKc&externalId=2016565](https://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKc&externalId=2016565)

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**QUESTION 5**

When modifying a vApp, which two vSphere entities can be added? (Choose two.)

- A. A resource pool
- B. A network pool



C. A vApp

D. A folder

Correct Answer: AB

A resource pool and a network pool can be added when modifying a vApp.

Reference: <http://wahlnetwork.com/2012/02/01/understanding-resource-pools-in-vmware-vsphere/>

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### QUESTION 6

After selecting an object in vRealize Operations, how can a user compare the badge values of related child objects?

A. Use the Scoreboard tab

B. Use the Relationship tab

C. Use the Members tab D. Use the Overview tab

Correct Answer: A

Use scoreboard tab to compare the badge values of related child objects. Reference: <http://blogs.vmware.com/management/2014/08/david-davis-vcenter-operations-post-14capacity-analysis-virtual-machines.html>

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### QUESTION 7

Which three are architecture components of vRealize Operations? (Choose three.)

A. Identity Server

B. Administrative Server

C. Analytics Server

D. Database Server

E. Connection Broker

Correct Answer: BCD

Administrative, analytics and database server are active components of vRealize operations. Reference: [https://books.google.com.pk/books?id=VD6qCQAAQBAJandpg=PA5andlpg=PA5anddq=architectural+components+of+vrealize+operation+administrative+server+analytics+server+database+serverandsource=blandots=GfIG7QQwWLandsig=0vLuiJryvZlqvon1Gc1fuo8e0tgandhl=enandsa=Xandved=0ahUKEwjn79m\\_gdDNAhVERo8KHQ1VC3QQ6AEIRDAH#v=onepageandq=architectural%20components%20of%20vrealize%20operation%20administrative%20server%20analytics%20server%20database%20serverandf=false](https://books.google.com.pk/books?id=VD6qCQAAQBAJandpg=PA5andlpg=PA5anddq=architectural+components+of+vrealize+operation+administrative+server+analytics+server+database+serverandsource=blandots=GfIG7QQwWLandsig=0vLuiJryvZlqvon1Gc1fuo8e0tgandhl=enandsa=Xandved=0ahUKEwjn79m_gdDNAhVERo8KHQ1VC3QQ6AEIRDAH#v=onepageandq=architectural%20components%20of%20vrealize%20operation%20administrative%20server%20analytics%20server%20database%20serverandf=false)

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### QUESTION 8

Refer to the Exhibit.



Physical adapters

Device	Actual Speed	Configured Speed	Switch	MAC Address	Observed IP ranges	Wake on LAN
Intel Corporation 82545EM Gigabit Ethernet Controller (Copper)						
vmnic0	1000 Mb	Auto negotiate	vSwitch0	00:50:56:03:0a:51	10.0.0.8-10.0.0.11	No
vmnic1	1000 Mb	Auto negotiate	vSwitch0	00:50:56:03:3b:61	10.0.0.8-10.0.0.11	No
vmnic2	Down	Auto negotiate	vSwitch1	00:50:56:03:44:ed	10.0.0.8-10.0.0.11	No
vmnic3	1000 Mb	Auto negotiate	vSwitch1	00:50:56:03:0e:0f	10.0.0.8-10.0.0.11	No
vmnic4	1000 Mb	Auto negotiate	—	00:50:56:03:17:a3	10.0.0.8-10.0.0.11	No

Physical network adapter: vmnic0

All	Properties	CDP	LLDP
Adapter	Intel Corporation 82545EM Gigabit Ethernet Controller (Copper)		
Name	vmnic0		
Location	PCI 0000:02:00.0		
Driver	e1000		

An administrator is configuring an ESXi 6.x host to use multiple NICs to resolve a management network redundancy error. After configuring a second NIC, the server is not able to communicate when the primary connection is taken down. The administrator analyzes the Exhibit shown here.

Based on the exhibit, what is the likely cause of the issue?

- A. vmnic4 is not attached to a vSwitch.
- B. vmnic2 is not connected to a physical switch.
- C. E1000 is the incorrect NIC Driver for this card.
- D. There is a MAC address conflict on the network.

Correct Answer: B

The exhibit clearly shows that the vmnic2 is not connected to the physical switch that is why it is showing the down warning.

## QUESTION 9

An application running in a virtual machine is experiencing performance issues. When utilizing performance monitoring utilities, it is noted that the CPU Utilization of the application is at 100%.

Which two scenarios are probable causes of the CPU contention for the application? (Choose two.)

- A. There is a network I/O constraint.
- B. There is a storage I/O constraint.
- C. There is insufficient disk space assigned to the virtual machine.



D. The application is not virtualization aware.

Correct Answer: AB

There are two possible causes. One is a network I/O constraint and the other is storage I/O constraint. Reference: [https://kb.vmware.com/selfservice/microsites/search.do?language=en\\_US&cmd=displayKc&externalId=2001003](https://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKc&externalId=2001003)

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### QUESTION 10

What is a requirement when enabling a Virtual SAN cluster in an existing High Availability (HA) and Distributed Resource Scheduler (DRS) Cluster?

- A. Disable DRS and HA before enabling Virtual SAN
- B. Enable DRS before enabling Virtual SAN
- C. Disable HA before enabling Virtual SAN
- D. Enable Storage DRS before enabling Virtual SAN

Correct Answer: C

One of the requirement is to disable HA before enabling Virtual SAN. Reference: <https://pubs.vmware.com/vsphere-60/topic/com.vmware.ICbase/PDF/virtual-san-60administration-guide.pdf>

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### QUESTION 11

Which method provides the best performance for the lowest resource cost when building a virtual machine for a single-threaded Windows application?

- A. Deploy single-threaded applications on uniprocessor virtual machines.
- B. Deploy single-threaded applications on symmetric multi-processor virtual machines.
- C. Tune single-threaded applications to take advantage of symmetric multi-processor resources.
- D. Tune Single-threaded applications at the hypervisor level.

Correct Answer: A

Virtual processors are not supported. You have to deploy single threaded applications on uniprocessor virtual machines. Reference: <http://support.theenterprisecloud.com/kb/default.asp?id=343>

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### QUESTION 12

An administrator needs to deploy five virtual machines to a Virtual SAN-based datastore. Each virtual machine has a 50GB virtual disk and 16GB of memory. The remaining space on the datastore is 300GB. The administrator is unable to power on all five virtual machines concurrently.

Which two statements will enable the administrator to power on all five virtual machines concurrently? (Choose two.)



- A. Create an 8GB memory limit for each virtual machine.
- B. Use per-virtual machine swap for the five virtual machines.
- C. Create an 8 GB memory reservation for each virtual machine.
- D. Use host-local swap for the five virtual machines.

Correct Answer: CD

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### QUESTION 13

What must be enabled to ensure that VM Component Protection (VMCP) works in a High Availability cluster?

- A. VMware Tools Virtual Machine Communication Interface (VMCI)
- B. Fault Tolerance
- C. Atomic Test and Set (ATS)
- D. All Paths Down (APD) Timeout

Correct Answer: D

There are two types of datastore accessibility failure:

PDL (Permanent Device Loss) is an unrecoverable loss of accessibility that occurs when a storage device reports the datastore is no longer accessible by the host. This condition cannot be reverted without powering off virtual machines.

APD (All Paths Down) represents a transient or unknown accessibility loss or any other unidentified delay in I/O processing. This type of accessibility issue is recoverable.

Reference: <https://pubs.vmware.com/vsphere-60/index.jsp?topic=%2Fcom.vmware.vsphere.avail.doc%2FGUID-F01F7EB8-FF9D-45E2-A093-5F56A788D027.html>

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### QUESTION 14

An administrator has recently installed a new ESXi 6.x Host, and during the configuration notices sporadic network problems. To check whether the issue occurred sometime during the configuration, the administrator would like to reset the system.

How can this be accomplished in the shortest amount of time?

- A. Run the ESXi installer again and reinstall the host.
- B. Select the Reset System Configuration option from the vSphere Client when connected directly to the host.
- C. From the Direct Console User Interface, select Reset System Configuration.
- D. Use a host profile to reset the configuration to a default state.

Correct Answer: C



This DCUI interface offers the following: Configure Root password Configure Lockdown mode Configure Management network Restart Management Network Test or disable Management Configure Keyboard View Support Information View System Logs Restart Management Network Reset System Configuration Remove Custom Extensions Shutdown or Restart /Reboot the ESXi Server

Reference: <http://www.virtualizationadmin.com/articles-tutorials/vmware-esx-and-vsphere-articles/installation-and-deployment/understanding-vmware-esxi-direct-console-user-interface-dcui.html>

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#### QUESTION 15

What are two ways to identify TCP/IP stack information? (Choose two.)

- A. Using the vSphere Web Client
- B. Using `esxcli network ip netstack`
- C. Using `esxcfg-netstack`
- D. Using the vSphere Client

Correct Answer: AB

Use vSphere web client or the command `esxcli network ip netstack` to identify TCP/IP stack info. Reference: <https://virtualizationreview.com/articles/2015/10/26/configure-multiple-tcpip-stacks-in-vsphere6.aspx>

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